Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 08 May 2021 until 23:59 on Sunday 09 May 2021

Forecast Issued on Saturday 08 May 2021 at 04:50

Confidence: High for wet and windy conditions today then staying unsettled into next week.

Headline for Saturday 08 May 2021: Wet and windy today, with sleet at first and a risk of gales developing across the peaks and ridges.

Mountain weather hazards on Saturday 08 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
60%	90%	90%	80%	70%	70%

Forecast for Saturday 08 May 2021

Weather: Rain, sleet for the highest summits until late morning, becoming heavy. Then heavy rain continuing through much of Saturday and this will give hazardous conditions with water courses running high by this evening. Gales likely across summits and exposed ridges.

Chance of cloud free mountain/hill tops above 600m: 100% becoming 10% or less from around midday, with cloud lowering to 350m by mid-afternoon.

Visibility: Good at first becoming poor in rain and very poor across summits.

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Mountain Weather Forecast

Forecast for Saturday 08 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 SE	24/34 E	19/27 SE	18/25 S	20/30 SW	18/26 SW	17/25 SW
300	12/24 SE	17/37 E	12/26 SE	10/23 S	13/28 SW	10/23 SW	9/22 SW
Valley	10/24 SE	19/41 E	15/31 SE	9/21 S	10/23 SW	7/19 SW	7/18 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-6	3/-2	8/4	9/5	8/4	8/4
300	3/-1	4/-2	6/2	9/7	11/8	10/8	10/8
Valley	5/2	5/-1	7/4	11/9	12/10	11/9	10/9
Freezing Level*	700m	1600m	2500m	2300m	2000m	1800m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds may be 5-10mph stronger at times than shown in table with gusty conditions likely. Feeling chilly with the wind and rain, with a severe chill likely, especially this morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 May 2021	2mm	4mm	4.8mm

Forecast for Sunday 09 May 2021

Weather: Rain will gradually become lighter during the overnight period, then rain moving away southeastwards late morning. Cloud breaks develop and cloud bases lifting above summits late morning to early afternoon. Then largely dry with sunny spells, and chance of a few afternoon and early evening showers. Becoming dry and largely clear late evening.

Maximum wind: South or southwest with gusts 35 to 40mph.

Chance of cloud free mountain/hill tops above 600m: 10% or less becoming 90% by late morning with cloud base rising from 300m to 700m.

Visibility: Poor or very poor becoming good or very good by mid-afternoon.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming Plus 16 degrees Celsius.
At 600m: Plus 7 to 10 degrees Celsius.
Freezing level: Well above summits.

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